

VIDEO: How Tokyo Made Itself Earthquake-Proof – Half as Interesting (Jan 2024)

1 Summary: fill the gaps with the appropriate words.

Tokyo is located in the (1) _____ (n.), one of the most (2) _____ (adv.) active regions in the world. Despite the risk, Tokyo is home to over (3) _____ (number) people and faces frequent, powerful (3) _____ (n.). To reduce destruction, Japan has introduced three (4) _____ (n.) of earthquake-resistant building design.

The first one, called (4) _____ (N.), ensures general (5) _____ (n.) for buildings built after (6) _____ (number). Most small homes use flexible materials like (7) _____ (n.) or (8) _____ (n.) rather than (9) _____ (n.).

The second one, (10) _____ (N.), uses devices like seismic (11) _____ (n.) to limit swaying in taller buildings. Some structures include giant swinging weights or draw inspiration from ancient Japanese (12) _____ (n.) design.

The third and most advanced one, (13) _____ (N.), is used in (14) _____ (n.). These buildings are physically isolated from the ground using (15) _____ (n.), allowing them to move independently during a quake.

However, many older and low-cost buildings remain vulnerable, especially in (16) _____ (n.) communities.

2 Complete the crossword with vocabulary from the text above.

ACROSS

3. (n.) A strong metal made from iron, used in buildings.

4. (n.) A sudden shaking of the ground; another word for earthquake.

5. (n.) The quality of being strong and not easily broken.

8. (n.) A device that reduces movement or vibration.

9. (n.) A level or layer in a system or structure.

DOWN

1. (adj.) Related to earthquakes or ground movement.

2. (n.) A very tall building with many floors.

6. (n.) A soft, flexible material used to absorb shocks.

7. (v.) To move slowly from side to side.